

Date: Wed, 29 Dec 93 11:28:50 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1520
To: Info-Hams

Info-Hams Digest Wed, 29 Dec 93 Volume 93 : Issue 1520

Today's Topics:

 Alarm System RFI
Amateur Radio Clubs in Clear Lake Area
 Balloon with amateur radio to launch
 cw waivers
 Ham Radio FTP area on World
 Info-Hams Digest V93 #1518
 Repeater database? (3 msgs)
 RFI into telephones
 tcp-group-digest
 who sells good HT battery replacements?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 29 Dec 1993 17:52:46 GMT
From: swrinde!sgiblab!spool.mu.edu!agate!usenet.ins.cwru.edu!news.csuohio.edu!
garfield.csuohio.edu!mike@network.ucsd.edu
Subject: Alarm System RFI
To: info-hams@ucsd.edu

I have found that our house burglar/fire alarm system to be a real
annoying source of RFI when listening to SW usually between 2 and
10 Mhz. To cure it, I went to the system box in our basement and
found the digital signal lines that go to the first floor and
master bedroom keypads (where you activate/deactivate your system).
I found two lines (for me it was yellow and green) that seemed to
be the offending radiators. I could have done the ferrite core trick

to trap the RFI, but since all wiring was fastened in place, I simply used a DPST switch fastened to the control cabinet. When switched OFF, the two conductors running to the keypads are electrically disconnected from the terminal block inside the control box. Now, I get nice quiet listening instead of a noise level that sounds like a distorted electric guitar. Hope this info helps other hams/SWL'rs.

Mike

--
___-^^^---___-^^^---___-^^^---___-^^^--- Catch The WAVE ---___
Michael Mayer, Senior Technical Support Engineer
Visual Numerics, Inc. 32915 Aurora Rd. Suite # 160, Solon, OH, 44139 USA
Email: mayer@pvi.com Human: 216/248-4900 Fax: 216-248-2733

Date: Wed, 29 Dec 1993 18:59:24 GMT
From: aio!usenet@ames.arpa
Subject: Amateur Radio Clubs in Clear Lake Area
To: info-hams@ucsd.edu

Please excuse my ignorance, but I'm relatively new to the Houston area and am looking for an amateur radio club in Clear Lake. Any information regarding clubs, emergency operators, test facilitators, etc, would be much appreciated. Please e-mail me directly at kbolton@medics.jsc.nasa.gov.

Thanks!

Date: Wed, 29 Dec 1993 03:31:24 -0700
From: library.ucla.edu!news.mic.ucla.edu!unixg.ubc.ca!kakwa.ucs.ualberta.ca!
alberta!nebulus!ve6mgs!usenet@network.ucsd.edu
Subject: Balloon with amateur radio to launch
To: info-hams@ucsd.edu

Superpressure Balloon Launch

A cooperative group from Utah State University, Logan, Utah, members of the amateur radio community, and Winzen International plan on launching SuperBall 1-94 at approximately 10:00 A.M. MST (17:00 UTC) on January 5, 1994 from the Logan Municipal Airport. The nylon superpressure balloon for this flight is 76 feet in diameter. It was manufactured and donated by Winzen International of San Antonio, Texas. The expected daytime float altitude of this helium filled balloon will be 120,000 ft (36,660

meters), some loss of altitude is expected at night. Theoretically the technology is capable of maintaining a payload at altitude for long periods of time, potentially years.

The initial track of SuperBall will depend on upper air conditions at the time of launch, but is expected to be in the semicircle east from Utah. Possible scenarios might then take it over the Atlantic Ocean or into the polar regions within a few days.

The payload will be limited to a gross weight of 4 kilograms, or 8.8 pounds. It will consist of the following subsystems:

1. An instrument package containing a five channel Magellan GPS receiver, an external air temperature sensor, an internal payload temperature sensor, a battery voltage sensor, and a differential pressure gauge.
2. A 1/2-watt VHF MCW beacon operating on 145.871 MHz with the callsign N7YTK. Every minute it will transmit data from instruments listed above. (This transmitter will also operate through the Russian RS-10 amateur satellite, which has a downlink frequency 29.371 MHz, plus or minus Doppler.)
3. A one-watt CW 15-meter beacon operating on 21.229 MHz with a call sign of WB8ELK. Every five minutes it will transmit data identical to that sent on the 145.871 MHz beacon. (This signal will also be relayed through the Russian RS-12 amateur satellite, which has a downlink frequency of 29.429 MHz, plus or minus Doppler.)
4. An ATV system consisting of a black-and-white CCD camera and associated one-watt transmitter operating on 434.00 MHz in continuous bursts on command.
5. A cutdown package containing a VHF command receiver, DTMF decoder and barometric switch, and
6. Several Lithium battery packs.

Depending on weight availability, two additional beacons are possible:

7. A one-watt VHF AFSK beacon transmitting ASCII data at 1200 baud on 145.968 MHz every two minutes in alternation with the beacon in (2) above, with the call sign of WB8ELK (also operating through the Japanese FO-20 satellite, which has a downlink frequency of 435.832 MHz), and
8. A 60-milliwatt 10-meter CW beacon operating on 28.322 MHz every

minute, with a call sign of WB8ELK, transmitting pressure altitude, internal temperature, external temperature and battery voltage. Item (8) will contain either a 9-volt lithium pack that should last a month, or a 9-volt, 150 ma solar panel, lasting indefinitely.

The purpose of the SuperBall 1-94 mission is to certify this superpressure balloon technology for long-duration flight and to test our ability to control and receive data from a high-altitude research balloon for an extended period of time.

Our first plateau of success will be achieved if we operate through a complete sunset/sunrise cycle at a constant pressure altitude. Our second plateau will be a flight lasting a week. Our third plateau will be a complete circumnavigation of the globe. Anything after that is gravy.

The float path of the balloon is very difficult to predict since the polar breakout usually occurs at this time of year frequently resulting in strong north-south currents.

Observers from the Jet Propulsion Laboratory, Martin Marietta and Utah State University's Space Dynamics Laboratory will be present at the launch. These people are potential users of the superpressure balloon for a Martian mission.

An HF net will be conducted by John Luker, WB7QBC, (Internet WB7QBC@uugate.aim.utah.edu) on the day of the launch and subsequent days on 7230 KHz +-QRM. This net will alert interested hams downrange of the balloon's path, and coordinate the collection of telemetry. The Utah Balloon Team would appreciate the forwarding of any telemetry copied to John's address along with pertinent information, including the receiving station's location, UTC date and time, signal report, and receiving equipment. Video tapes of any received ATV transmissions from the balloon would also be appreciated. At this point we only anticipate turning the camera on during the first two days.

Questions can be directed to Bruce Bergen, KI7OM, through Internet at KI7OM@uugate.aim.utah.edu

Date: Wed, 29 Dec 1993 17:11:34 GMT
From: swrinde!emory!rsiatl!ke4zv!gary@network.ucsd.edu
Subject: cw waivers
To: info-hams@ucsd.edu

In article <CIpoCt.BCz@cbnewsj.cb.att.com> k2ph@cbnewsj.cb.att.com (The QRPer) writes:

>From article <1993Dec27.150035.10400@ke4zv.atl.ga.us>, by gary@ke4zv.atl.ga.us (Gary Coffman):

>> CW is still alive among testers because it's a *separate award category*.

>> The purpose of testing is to accumulate as many awards as possible,

>> ... other stuff deleted ...

>

>You can't possibly be serious!

>

>CW is still alive among testers BECAUSE IT'S FUN!

Oh, I'll concede that some people have outre senses of what's fun. Why there are people who consider it fun to lie on a bed of nails, or flagellate themselves with birch wands, or stick hot needles in their flesh, or operate manual Morse. I don't fall into that group of masochists who find Chinese water torture a pleasant passtime.

Someone using manual Morse is like someone who prefers 300 baud modems when 9600 baud units are cheap and available. I frankly don't understand the affinity for slow torture. Why not use drums and smoke signals if you're trying to recreate the past?

Gary

--

Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
Destructive Testing Systems		we break it.		uunet!rsiatl!ke4zv!gary
534 Shannon Way		Guaranteed!		emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244				

Date: Wed, 29 Dec 1993 00:39:08 -0700

From: library.ucla.edu!news.mic.ucla.edu!unixg.ubc.ca!kakwa.ucs.ualberta.ca!alberta!nebulus!ve6mgs!wylz@network.ucsd.edu

Subject: Ham Radio FTP area on World

To: info-hams@ucsd.edu

This is a period reminder that the Boston Amateur Radio Club maintains an FTP area on world.std.com in pub/hamradio.

This area is accessible via: anonymous ftp, gopher, and World Wide Web (and possibly other methods I'm not yet aware of). World is not *fsp*-able yet (I asked them).

Via Gopher, the easiest path to the area is by selecting the following from World's main menu:

18. Membership and Professional Associations

3. Boston Amateur Radio Club

And go from there...

Please feel free to browse through the area.

If anyone has any questions about it, please do not hesitate to e-mail me.

Also, an up-to-date copy of the files available on the ARRL's information server (info@arrl.org) is available in the directory `pub/hamradio/ARRL/Server-files`.

All text files are uncompressed, so they are both retrievable and viewable via Gopher and World Wide Web. (If you have any troubles with any text file, please e-mail me).

Source code for programs is always welcome. It can permit people to use those programs on other computers with other operating systems.

Scott

--

```
=====
| Scott Ehrlich      Internet: wy1z@neu.edu    BITNET: wy1z@NUHUB  |
| Amateur Radio: wy1z      AX.25: wy1z@k1ugm.ma.usa.na      |
|-----|
| Maintainer of the Boston Amateur Radio Club hamradio FTP area on      |
| the World - world.std.com pub/hamradio      |
|-----|
=====
```

Date: 29 Dec 93 13:17:36 GMT
From: news-mail-gateway@ucsd.edu
Subject: Info-Hams Digest V93 #1518
To: info-hams@ucsd.edu

Hi. This is HS1ZEB from Bangkok Thailand.

I'd like to ask some question on connecting PK-232MBX to a YAESU FT-767GX since I had been trying to wire the connector according to the manuals of both device for many times. But what I got is the overload of the, I don't know how to call this, speaker to burn out.

Anyone using the above equipment please post your informations on how to wire these thing together as well.

Also, I've seen some files name WNOS or something, but I can't find a copy of KA9Q programs, so, I'd like to ask which one do you guys prefer? And if possible, brief explanation of both too.

```
+-----+-----+-----+
| HS1ZEB  N3JTV | EMail:jade@nwg.nectec.or.th | > Jade V. Thaveekij < |
| CQ Magazine |      u3611506@abac.au.ac.th| Satellite Thailand |
+-----+-----+-----+
```

Date: Wed, 29 Dec 1993 12:47:07 GMT
From: swrinde!menudo.uh.edu!uuneo!sugar!jreese@network.ucsd.edu
Subject: Repeater database?
To: info-hams@ucsd.edu

In article <2fqeid\$bf6@panix.com> kb7uv@panix.com (Andrew Funk) writes:
>
>Publication of repeater data is a sensitive issue for many repeater
>trustees. Many wish their repeaters to be "secret" -- non-published.
>Others feel it's OK to be listed in the ARRL Repeater Directory, but not
>elsewhere.
>
>I can't speak for other councils, but for TSARC there will have to be a
>formal policy adopted -- perhaps even a constitutional amendment (I have
>to double check).

I'd be real interested in how you guys handle this issue. The Texas VHF-FM Society has debated it in several meetings lately. Their main objection to releasing the data is that it might be used to create a publication which would be sold. This not so much the problem as the source of the data wouldn't get anything for it, even the credit for the data. I'm not sure I agree with this policy, but that seems to be thier position at present.

--
Jim Reese, WD5IYT | "Reality is for those with no imagination."
jreese@sugar.neosoft.com | --Jim McClellan

Date: Wed, 29 Dec 1993 15:22:40 GMT
From: usc!howland.reston.ans.net!noc.near.net!das-news.harvard.edu!
cantaloupe.srv.cs.cmu.edu!news@network.ucsd.edu
Subject: Repeater database?
To: info-hams@ucsd.edu

There seems to be a lot of resistance to having a US repeater

database, and I'm having trouble understanding why. The two arguments seem to be that the information should only be made available to the "right" people, and that people shouldn't be allowed to make money from the data.

Anybody with \$7 can buy a copy of the ARRL repeater directory. Presumably groups that don't want their repeater publically known don't list it in the directory. ARRL makes a couple of bucks on each sale (okay, they aren't an individual, so lets say the money goes back to the good of hamdom).

Suppose I write a geographical database with a really whizzy graphical front end, searching and planning capabilities, made to run on a laptop or PDA. It includes the ARRL repeater directory database. Just what I want while travelling, and maybe others as well... For every copy of this program I sell, I license one copy of the repeater database by sending ARRL four bucks or whatever they think is fair. I could sell yearly updates in sync with the ARRL directory (always licensing each copy with the ARRL).

Of course, someone could pirate a copy of the program, or steal the database for their own program without licensing it from the ARRL. But those would be criminal acts. Maybe my program could encrypt the data to prevent casual lifting of the database.

The only money I'd be making would be from the program itself - the ARRL would make the same amount as if it had sold a paper copy of the directory.

Would any groups object to this? Would it require constitutional amendments and not happen in my lifetime? It sounds good to me, but I don't understand the arguments in the first place.

Feedback is appreciated, before I waste too much time...

Mike Blackwell -- ke3ig -- mkb@cs.cmu.edu

Date: Wed, 29 Dec 1993 17:37:51 GMT
From: world!dts@uunet.uu.net
Subject: Repeater database?
To: info-hams@ucsd.edu

In article <CIsypt.BJ0.2@cs.cmu.edu> mkb@cs.cmu.edu writes:

>

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>database, and I'm having trouble understanding why. The two arguments

>seem to be that the information should only be made available to the
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>

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>front end, searching and planning capabilities, made to run on a
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>

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>

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>

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>amendments and not happen in my lifetime? It sounds good to me, but I
>don't understand the arguments in the first place.

>

>Feedback is appreciated, before I waste too much time...

>

> Mike Blackwell -- ke3ig -- mkb@cs.cmu.edu

>

>

I do not think there is a really big problem with repeater frequency data being given out by most of the coordination councils. Repeater frequencies are pretty easy to come by. My biggest concern is the other frequencies which are coordinated, including links, packet backbones, and so forth. It is not necessarily desirable to give all of these out.

The repeater directory does NOT list evrey frequency in use. Many frequencies are used for other purposes than repeaters, yet are sensitive to interference. When you pick a simplex frequency, please keep this in mind!

--

Daniel Senie Internet: dts@world.std.com
Daniel Senie Consulting n1jeb@world.std.com
508-365-5352 Compuserve: 74176,1347

Date: Wed, 29 Dec 1993 16:13:39 GMT
From: sdd.hp.com!hpscit.sc.hp.com!cupnews0.cup.hp.com!jholly@network.ucsd.edu
Subject: RFI into telephones
To: info-hams@ucsd.edu

David Dodeell (david@stat.com) wrote:

: I have a G5RV type antenna in my attic which is only a few feet in
: places from my telephone wiring. This causes RFI into my telephone
: system.

: Any suggestions on minimizing this?

Ferrite...where you put depends on if the guts are in the handset or a base
unit. Generally, wrap the cord going into the unit around a type 43 core.
Also you can get info from ARRL via info@arrl.org, with the one
line message info.

Jim, WA6SDM

Date: 29 Dec 93 13:56:00 GMT
From: zib-berlin.de!netmbx.de!Germany.EU.net!EU.net!goya!aba!
carlos.termes@uunet.uu.net
Subject: tcp-group-digest
To: info-hams@ucsd.edu

-=> Quoting Ken Hopkins to All <=-

KH> Can someone give me the correct address to subscribe to this mail
KH> list? I've tried three times at ucsd.edu and got an error message each
KH> time. Thanks for your help!
KH> --

I need help in same way.I get the post newsgroup in the BBS bat
only the internet and the Tcp-group Digest it is not en the list
because is Usenet ??? maybe not come in EU. I don t now.

Please if someone can help me !! Thanks....

73.s de Carlos <eb3dyq Amired AMPRnet> (sistema Wnos TCP/IP)
AMPRnet - <eb3dyq@eb3dyq.ampr.org> - 44.133.08.28
BBSax25 - <eb3dyq@ea3gem.eab.es> -
internet - <carlos.termes@abaforum.es> -

___ Blue Wave/QWK v2.12

!-----!
! * This message was sent from ABAFORUM, Barcelona, SPAIN (Europe) * !
! Voice (34-3) 589.1101 * Fax (34-3) 589.4483 * Host (34-3) 589.3888 !
!-----!

Date: Wed, 29 Dec 1993 15:57:48 GMT
From: library.ucla.edu!agate!usenet.ins.cwru.edu!news.ecn.bgu.edu!
willis1.cis.uab.edu!right.dom.uab.edu!user@network.ucsd.edu
Subject: who sells good HT battery replacements?
To: info-hams@ucsd.edu

In article <CISFv8.1FA@hkuxb.hku.hk>, pckwong@hkuxb.hku.hk (WONG YA YA)
wrote:

>
> Steve Holland (holland@gasmac.dom.uab.edu) wrote:
> : MY HT power pack no longer will hold a charge over a reasonable time
> : and I am planning on replacing it. What mail order venders makes
> : reliable battery packs that offer good value? I am looking for
> : something that will fit an ALINCO DJ500T HT.
> :
> : Steve Holland
>
>
> Why not do it yourself with NiCd batteries with
> solder tags?

Lead time for checking out sources, taking risk one cell ordered no
good and having to reorder, not particularly great prices through
sources like digi-key. I have heard by e-mail that ww assoc. will
sell battery inserts for a modest sum. Now, if you have a good source
for batteries with solder tags available in small quantities, please
post.

Steve Holland

Date: 29 Dec 93 17:16:13 GMT
From: munnari.oz.au!sgiblab!cs.uoregon.edu!logicse!ese.ogi.edu!
dreeves@network.ucsd.edu
To: info-hams@ucsd.edu

References <1993Dec21.214936.7904@genroco.com>,
<1993Dec22.060722.7669@kd4nc.uucp>, <2fplm\$np@news.acns.nwu.edu>
Subject : Re: Where are all the young enthusiasts?

Recently, John Reed <N4TII@kd4nc.uucp> spoke about being a young ham in a club of mostly older hams...

>>The problem I am having with my club is my age... I am the first young ham
>>they've had in a while that is highly active....always on the radio...operating
>>at field day, raising hell at club meetings, etc....

[Deleted]

>>My club as yet to give me the respect that I deserve as a member and as a
>>person..everytime I open my mouth at a meeting, I'm met with a "That's nice
>>son" attitude and a motion to shut up... I'm cut off in mid sentence, etc...

This is almost universally the experience I've had in California.
I got my ticket there while a student, so the culture clash could have been a bit much, but I was a fairly conservative (meaning tame) SoCal student then. Still, only a few of the people in the club would even touch me with a 40m dipole. The attitude was something like "You don't look familiar, you don't dress like I do, you don't act like I do; Therefore, you can not be a good ham".

So what did I do? I joined a club which was serious about radio! Being part-time at Caltech, I could join W6UE, the Caltech ARC (I strongly recommend this for any students in the Pasadena/San Gabriel Valley). There I met UHF ers and learned about the world above 440, got into HF contesting and ATV. We even set up an internet-packet gateway (which isn't working right now...). Alas, but graduation moved me away from W6UE and to Portland, OR, where the scene almost repeated itself, but since the folks are a bit younger (and more open minded, IMHO) here, I feel more accepted.

>>I don't if other clubs are like that with their new young hams, but mine is
>>bad...

THE SOLUTION (IMHO):

Older hams need to be more open minded and "eared" to the younger crowd. No new hams = death of ham radio. Simple. Don't dismiss

someone because they are (1) younger or (2) less experienced than you.

Young hams need to be aware that they are going to meet resistance and be prepared and patient. Let your skill and competence speak for you. You **will** be recognized!

>>73 de John "pissed off at Lanierland Amatuer Radio Club" Reed, N4tii

Good luck John!

73 de N6XHW
D. Reeves

--

|B. Douglas Reeves Dept. Env. Sci.& Eng. Oregon Graduate Institute|
|N6XHW on 146.900 in PDX dreeves@ese.ogi.edu everywhere else|
|"... life itself represents a nonequilibrium condition." - J. F. Pankow |

Date: Wed, 29 Dec 1993 17:19:20 GMT
From: usc!cs.utexas.edu!swrinde!emory!rsiatl!ke4zv!gary@network.ucsd.edu
To: info-hams@ucsd.edu

References <00977B186CA20CA0.24E0CB04@drager.com>, <2fqeid\$bf6@panix.com>,
<CIsrIL.Kz6@sugar.NeoSoft.COM>
Reply-To : gary@ke4zv.atl.ga.us (Gary Coffman)
Subject : Re: Repeater database?

In article <CIsrIL.Kz6@sugar.NeoSoft.COM> jreese@NeoSoft.com (Jim Reese) writes:
>

>I'd be real interested in how you guys handle this issue. The Texas VHF-FM
>Society has debated it in several meetings lately. Their main objection to
>releasing the data is that it might be used to create a publication which
>would be sold. This not so much the problem as the source of the data wouldn't
>get anything for it, even the credit for the data. I'm not sure I agree with
>this policy, but that seems to be thier position at present.

Hmph, the ARRL sells it **now**, and we don't see a dime. Maybe we should start charging them a fee.

Gary

--

Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
Destructive Testing Systems		we break it.		uunet!rsiatl!ke4zv!gary

